

*Alman*

IFWO

## RAW SEQUENCE LISTING

DATE: 08/16/2004

PATENT APPLICATION: US/10/713,391

TIME: 16:06:03

Input Set : N:\CrF4\Refhold\10\_folder\J713391.raw

Output Set: N:\CRF4\08162004\J713391.raw

```

1 <110> APPLICANT: Ashkenazi, Avi J.
2   Baker, Kevin P.
3   Godowski, Paul J.
4   Gurney, Austin L.
5   Mark, Melanie R.
6   Marsters, Scot A.
7   Pitti, Robert M.
8 <120> TITLE OF INVENTION: DNA19355 Polypeptide, A Tumor Necrosis Factor Homolog
9 <130> FILE REFERENCE: P1150R2
10 <140> CURRENT APPLICATION NUMBER: US/10/713,391
11 <141> CURRENT FILING DATE: 2003-11-14
12 <150> PRIOR APPLICATION NUMBER: US/09/195,368
13 <151> PRIOR FILING DATE: 1998-11-18
14 <150> PRIOR APPLICATION NUMBER: US 60/069,661
15 <151> PRIOR FILING DATE: 1997-12-12
16 <150> PRIOR APPLICATION NUMBER: US 60/065,635
17 <151> PRIOR FILING DATE: 1997-11-18
18 <160> NUMBER OF SEQ ID NOS: 8
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 177
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
25   Met Cys Leu Ser His Leu Glu Asn Met Pro Leu Ser His Ser Arg
26       1             5             10             15
27   Thr Gln Gly Ala Gln Arg Ser Ser Trp Lys Leu Trp Leu Phe Cys
28               20             25             30
29   Ser Ile Val Met Leu Leu Phe Leu Cys Ser Phe Ser Trp Leu Ile
30               35             40             45
31   Phe Ile Phe Leu Gln Leu Glu Thr Ala Lys Glu Pro Cys Met Ala
32               50             55             60
33   Lys Phe Gly Pro Leu Pro Ser Lys Trp Gln Met Ala Ser Ser Glu
34               65             70             75
35   Pro Pro Cys Val Asn Lys Val Ser Asp Trp Lys Leu Glu Ile Leu
36               80             85             90
37   Gln Asn Gly Leu Tyr Leu Ile Tyr Gly Gln Val Ala Pro Asn Ala
38               95            100            105
39   Asn Tyr Asn Asp Val Ala Pro Phe Glu Val Arg Leu Tyr Lys Asn
40            110            115            120
41   Lys Asp Met Ile Gln Thr Leu Thr Asn Lys Ser Lys Ile Gln Asn
42            125            130            135
43   Val Gly Gly Thr Tyr Glu Leu His Val Gly Asp Thr Ile Asp Leu
44            140            145            150

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45      Ile Phe Asn Ser Glu His Gln Val Leu Lys Asn Asn Thr Tyr Trp
46                      155                      160                      165
47      Gly Ile Ile Leu Leu Ala Asn Pro Gln Phe Ile Ser
48                      170                      175                      177
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 1964
52 <212> TYPE: DNA
53 <213> ORGANISM: Homo sapiens
54 <220> FEATURE:
55 <221> NAME/KEY: unsure
56 <222> LOCATION: 1857, 1875
57 <223> OTHER INFORMATION: n may be any nucleotide
58 <400> SEQUENCE: 2
59      cagctctcat ttctccaaaa atgtgtttga gccacttgga aaatatgcct 50
60      ttaagccatt caagaactca aggagctcag agatcatcct ggaagctgtg 100
61      gctcttttgc tcaatagtta tgttgctatt tctttgctcc ttcagttggc 150
62      taatctttat ttttctccaa ttagagactg ctaaggagcc ctgtatggct 200
63      aagtttgga cattaccctc aaaatggcaa atggcatctt ctgaacctcc 250
64      ttgcgtgaat aaggtgtctg actggaagct ggagatactt cagaatggct 300
65      tatatttaat ttatggccaa gtggctccca atgcaaacta caatgatgta 350
66      gctccttttg aggtgctggt gtataaaaaa aaagacatga tacaaaactc 400
67      aacaaacaaa tctaaaatcc aaaatgtagg agggacttat gaattgcatg 450
68      ttggggacac catagacttg atattcaact ctgagcatca ggttctaaaa 500
69      aataatacat actgggggat cattttacta gcaaattccc aattcatctc 550
70      ctagagactt gatttgatct cctcattccc ttcagcacat gtagagggtc 600
71      cagtgggtgg attggaggga gaagatatcc aatttctaga gtttgtctgt 650
72      ctacaaaaat caacacaaaac agaactcctc tgcacgtgaa ttttcatcta 700
73      tcatgcctat ctgaaagaga ctacaggggaa gagccaaaga cttttggttg 750
74      gatctgcaga aatacttcat taatccatga taaaacaaat atggatgaca 800
75      gaggacatgt gcttttcaaa gaatctttat ctaattcttg aattcatgag 850
76      tggaaaaatg gagttctatt cccatggaag atttacctgg tatgcaaaaa 900
77      ggatctgggg ctagtcctg gctttgttct catattcttg ggctgctgta 950
78      attcattctt ctcatactcc catcttctga gacctccca ataaaaagta 1000
79      gactgatagg atggccacag atatgacctac cataccctac tttagatatg 1050
80      gtggtgttag aagataaaga acaatctgag aactattgga atagaggtag 1100
81      aagtggcata aaatggaatg tacgtatctt ggaaatttct cttggtttta 1150
82      tcttctcag gatgcagggt gctttaaaaa gccttatcaa aggagtcatt 1200
83      ccgaacctc acgtagagct ttgtgagacc ttactgttgg tgtgtgtgtc 1250
84      taaacattgc taattgtaaa gaaagagtaa ccattagtaa tcattagggt 1300
85      taaccccgag atggtattat cttactgga ttatgtcatg taatgattta 1350
86      gtatttttag ctagctttcc acagtttgca aagtgccttc gtaaaaacagt 1400
87      tagcaattct atgaagttaa ttgggcaggc atttggggga aaattttagt 1450
88      gatgagaatg tgatagcata gcatagccaa ctttctcaa ctcataggac 1500
89      aagtgactac aagaggcaat gggtagtccc ctgcattgca ctgtctcagc 1550
90      tttagaattg ttatttctgc tategtgtta taagactcta aaacttagcg 1600
91      aattcacttt tcaggaagca tattccccct tagcccaagg tgagcagagt 1650
92      gaagctacaa cagatctttc ctttaccagc acactttttt ttttttttcc 1700
93      tgcctgaatc agggagatcc aggatgctgt tcaggccaaa tcccaaccaa 1750
94      attccccctt tcactttgca gggcccatct tagtcaaatg tgctaacttc 1800

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Output Set: N:\CRF4\08162004\J713391.raw

```

95      taaaataata aatagcacta attcaaaatt tttggaatct taaattagct 1850
W--> 96      acttgcnngt tgcttggtga aaggnatata atgattacat tgtaaacaaa 1900
97      tttaaaatat ttatggatat ttgtgaaaag ctgcattatg ttaaataata 1950
98      ttacatgtaa agct 1964
100 <210> SEQ ID NO: 3
101 <211> LENGTH: 38
102 <212> TYPE: DNA
103 <213> ORGANISM: Unknown
104 <220> FEATURE:
105 <221> NAME/KEY: misc_feature
106 <222> LOCATION: 1-38
107 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown
108 <400> SEQUENCE: 3
109      gacgacaagc atatggttaga gactgctaag gagccctg 38
111 <210> SEQ ID NO: 4
112 <211> LENGTH: 34
113 <212> TYPE: DNA
114 <213> ORGANISM: Unknown
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: 1-34
118 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown
119 <400> SEQUENCE: 4
120      tagcagccgg atcctaggag atgaattggg gatt 34
122 <210> SEQ ID NO: 5
123 <211> LENGTH: 24
124 <212> TYPE: PRT
125 <213> ORGANISM: Unknown
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <222> LOCATION: 1-24
129 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown
130 <400> SEQUENCE: 5
131      Met Gly His His His His His His His His His His Ser Ser Gly
132      1              5              10              15
133      His Ile Asp Asp Asp Asp Lys His Met
134      20              24
136 <210> SEQ ID NO: 6
137 <211> LENGTH: 29
138 <212> TYPE: DNA
139 <213> ORGANISM: Unknown
140 <220> FEATURE:
141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: 1-29
143 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown
144 <400> SEQUENCE: 6
145      atcagggact ttccgctggg gactttccg 29
147 <210> SEQ ID NO: 7
148 <211> LENGTH: 42

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Input Set : N:\Crf4\Refhold\10\_folder\J713391.raw

Output Set: N:\CRF4\08162004\J713391.raw

149 <212> TYPE: DNA  
150 <213> ORGANISM: Unknown  
151 <220> FEATURE:  
152 <221> NAME/KEY: misc\_feature  
153 <222> LOCATION: 1-42  
154 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown  
155 <400> SEQUENCE: 7  
156       tgtaaaacga cggccagttt ctctcagaga aacaagcaaa ac 42  
158 <210> SEQ ID NO: 8  
159 <211> LENGTH: 43  
160 <212> TYPE: DNA  
161 <213> ORGANISM: Unknown  
162 <220> FEATURE:  
163 <221> NAME/KEY: misc\_feature  
164 <222> LOCATION: 1-43  
165 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown  
166 <400> SEQUENCE: 8  
167       caggaaacag ctatgaccga agtggaccaa aggtctatcg cta 43

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/713,391

DATE: 08/16/2004  
TIME: 16:06:04

Input Set : N:\Crf4\Refhold\10\_folder\J713391.raw  
Output Set: N:\CRF4\08162004\J713391.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 1857,1875

VERIFICATION SUMMARY

DATE: 08/16/2004

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TIME: 16:06:04

Input Set : N:\Crf4\Refhold\10\_folder\J713391.raw

Output Set: N:\CRF4\08162004\J713391.raw

L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1850